MEETING

The MAY meeting will be:

on: FRI., MAY 11, 1990

meeting room open at: 7:00 P.M.
in: COMMUNITY ROOM
    FAR WEST FEDERAL S & L
    OREGON CITY SHOPPING CENTER
****

WHAT YOU WILL FIND IN THIS ISSUE

COMPUTING THE FUTURE--
IN CLACKAMAS COUNTY

EDITORIAL

It looks like our membership has settled down, now that dues are in. We lost 3, which has been about the norm. However, a long time member apparently has gone other directions with his computing. A review of our membership list published in this issue will give the reader an idea of future attendance.

Advancement? to MS-DOS machines is under way as we now have about half of our members working one way or another with this system. I have investigated several MS-DOS programs using my QL emulator. As far as I am concerned, word processors and spreadsheet programs are of the greatest interest. A federal tax program worked out nicely, but that is a once a year use. It seems to me that I am inclined to compare the complexity of instructions and operation with programs I use on the trusty 2068. There are books written about some of these programs. If there isn't a vast improvement I can't see the time involved in learning the ins and outs of some of the MS-DOS programs.

>> >> >>

Maybe I will take a different view point if Rod gets a class going on MS-DOS. This activity seems to be compatible with our organization's interests even tho it deviates from the Timex-Sinclair line of computers. Consider that none of our periferals are T/S and that we have had to adapt various makes and models of equipment to work with the computers.

Dick F. Wagner

SECRETARY'S SECRET'S

by Jack Armstrong
(he's back!)

The March meeting of CCAT/S was called to order by Gaylen Bench in the absence of the Chairman at 7:50. The meeting was attended by nine of the faithful. Rod confirmed that the memberships totalled 15 paid as of this date. New member Terry Graham who is the new librarian was one of those present.

D informed the members that the CP/M group is going to have another of their swap-meets in June. The exact date not known. They hold it in the Tigard Fire Station.

Old Business discussion of our Swap-meet led to the decision to hold it on April 14th from 1:30 to 5:00 at the usual meetingplace. It was recommended by Rod Gowen that we all bring something in the way of refreshments. Both Rod and Gaylen plan to bring items to trade/sell. It was recommended that this is the chance for us all to clear off that shelf and get something different to put on it.

Rod stated that the Sinclair Echo has several new nodes on line: 9 new ones including Los Angeles; San Angelo, Texas; Boulder, Nevada; Patterson, N.J.; and Sterling Heights, Mich.

Gaylen reports that Wacky Willy has modems for $25. They are 1200 baud and cannot autodial, but you can manually dial and then hook up. The price is right. You will need to get a cable if you are going to hook up to a PC--that is another $5.

Jack said his wife suggested that we have a pot-luck for our dinner meeting and after a discussion it was tentatively set for the second Saturday in June at Jack's house. Jack's wife, Maxine will get a list of suggested dishes for the members (and/or their wives) to be bringing to the meet. Jack will bring this to the next meeting and will need telephone numbers of wives to coordinate the food supply.

Rod reported that the Bull Pen BBS is now carrying the Sinclair section in 32 columns.

Under New Business, Gaylen told the group that Commodore has now abandoned the Amiga...welcome to the world of orphans, guys.

The meeting opened a discussion of the state of PC's owned by CCAT/S members and Rod said that eleven of the members are owners or are working with PC's. The members then discussed the possibility of opening a SEG (Special Educational Group) as an adjunct to our User Group. After more discussion, it was decided to table the idea until next month's meeting when more members will be present.

Rod also reported that UPdates may be lost to us. Bill Jones, the editor-publisher has been having health problems and wants to devote his energies and time to pursuing a retirement with his wife and doing some boating. The magazine is a heavy load and he would rather give it over to someone else to continue; his preference is for SNUG to take it over. We wish him luck and we wish us all luck...maybe SNUG will step in. Rod also reported that he will have a national 800 number soon for his RMG Enterprises business.

The meeting was adjourned at 9:05 and most of the members left for the usual snack.

(Secretarial Note: this column was done on my new Emerson PC using Galaxy--not too different from our favorite:Tasword II)

JACK DOHANY: SOFTWARE/HARDWARE

Jack's specialty is producing for the 2068. He has been at computer programming for some years and has developed many up-grade issues of programs like the word processor, MSCRIPT. Readers who attended the North West Computer Fair in Portland will remember that Jack was verbal in his ideas, and was probably the only software programmer there who was producing his products on the spot.

Well, a recently received letter from Jack Dohany has given me an idea of how he is concentrating on the 2068 this year, not only programs but also hardware of his own designs. He has abandoned the QL in preference to the 2068.

First, a few notes on programs. There is an up-grade of MSCRIPT to version 5.5. Also, there is a nice graphics program called "GYSEY V2". He can provide a draw program from Billy McBride, a printed circuit board designer called "PC-DRAW" by M.D.M. Enterprises, and "EXTENDED PAINT" by Dave Franson, to name a few. The biggy is the English program "WORD-MASTER", a combination word processor and graphics handling program that is a desk top publishing type. This last one requires a Spectrum Emulator. There is a "DISK FILE MANAGER" (DFM) that is designed for Oliger, Larken and Aerco systems. This one works equally well with Spectrum or 2068 models.

Jack states that he can provide almost any non-game software that has ever been written for the 2068, besides his own products.

Jack has some nice hardware inovations. First of all, to use "WORD-MASTER" one must have a Spectrum emulator. So he can provide an internally installed 32K EPROM with 16K for a CORRECTED 2068 ROM, and 16K for the CORRECTED Spectrum ROM. (I wonder if that awful cursor problem, when editing, is fixed). An external double throw switch is provided for ROM selection. On top of this the purchaser can obtain a 64K EPROM in place of the 32K one, adding 16K for OS64 (requires a good monitor). This leaves 16K for future development.

There is also available a special Aerco-compatible printer interface for internal installation. Add to this a dual EPROM with a "native" printer driver program, if desired.

The hardware that Jack can provide is inovative and down to earth in operation and price. Did anyone ever wonder where the Zebra stock of disk systems went? Well, Jack can provide complete systems with a new drive interface, much smaller in size and no twister cable is required. Do members recall when Tim Woods showed up with his Zebra system and displayed that odd twisted cable? This system is Spectrom compatable.

Readers who have been interested in an EPROM programmer can obtain one from Jack. It installs on to the rear port and can handle EPROMS from 16K to 64K. I have requested additional information on this item.

Like Larry Kenny, Jack is working on a fast spell checker, only his is for MSCRIPT and WORD-MASTER. I believe Larry's is for TASWORD.

Other products in the mill are, an inter-system Disk File Manager called XDFM, an 80 column display system called SYS80, a vastly improved DEVPAC assembler/disassembler, a full screen editor, plus many more.

Users of the A&J IF will find that Jack is not strong on programs for this IF, but he strongly supports Aerco, Oliger, Zebra, and Larken systems. (Remember Jack's remarks at the Fair about preference for the Oliger system? It seems he has been willing to work with LKDOS.

≫ ≫ ≫

Maybe he is like I am, still first preferance for Oliger for ease of operation).

Prices--you can't beat this,"TRY BEFORE YOU BUY" the sftware. Pay $3.00 for shipping and then pay for what you want after a trial period. Just return the undesired utilities/programs!

Because much of the software is customized to fit a user's system, it is essential to provide FULL particulars about your equipment and what you want. One thing to be aware of, only Epson work alike printers on graphics programs.

Cost-wise, WORD-MASTER ranges from $18.00 to $67.00, depending upon the options. MSCRIPT V5.5 is $25.00 and the user must own an original. Owners of prior versions need pay only $15.00 for the up-date. If variations are required to fit the user's equipment then there is an additional cost of $5.00. The Aerco compatible interface costs $25.00. If he installs it there is a service charge. It is helpful that a 2068 loaner is available. The Spectrum Emulator kit (32K) is $15.00; add $15.00 to install (if required), add $5.00 for a loaner. For $5.00 more you can order the 64K EPROM with OS64. For Zebra users, the IF with dual EPROM (8K) costs $10.00 in kit form, $10.00 to install, and $5.00 for a loaner. The price for the Aerco compatible printer IF installed inside the case is $40.00. This has the dual EPROM with a "native" print driver program installed.

The above are extracted from Jack's letter and flyer so interested consumers should write and get full particulars, being specific about your needs. For the present write to 435 Woodward Way, Athens, GA 30606. In July Jack will be moving back to California so write to his old address, 390 Rutherford, Redwood city, CA 94067.

Dick F. Wagner

BITS & BYTES
by: ROD GOWEN

Heard any TS related news lately? Did you get any information in the mail from other users, user groups, or vendors that may be of interest to our readers? If so, why not share it with us? We need all of the help that we can get. Please send any info that you might have to: Rod Gowen, C/O CCAT/S, 1419 1/2 7th Street, Oregon City, OR 97045, or, phone in at: 503/655-7484, NOON - 10 PM weekdays. I know that the entire user group will appreciate it!

SWAP MEET!!(POSTSCRIPT)-

On April 14th we had our little swap meet at the Far West Bank. We were a bit disappointed in the turnout, but, as it was Easter weekend, we feel that we did rather well. I think that there were about 20 folks there with 5 or so tables full of TS goodies. I am sure that all who were there had a pretty good time. We will have to make sure, if we ever plan another such, that we do NOT pick a holiday weekend. I think it was at least as well attended as the last one 2 years ago. Jack Armstrong and Laura Gowen furnished cookies and there was plenty of conversation to go around. See you at the next one!

TOLL FREE TO RMG!-

THAT'S RIGHT!! Now you can place your phone orders via C.O.D. or bank cards with RMG via their new TOLL-FREE number! They have also installed a 24 hour FAX line. All this in order to facilitate your order placing with them. RMG is aware that on some TS orders, the cost of the phone call may exceed the dost of the item. This is the reason for the 800 number. _Be aware that this number is to be used TRICTLY to place orders._ Using this number to ask for inform-ation or as a customer service or tech support line will result in the loss of the 800 number at a very early date. The numbers are given here for you to put in your phone book: ≫ ≫ ≫

ORDER LINE: 1-800-326-7484
FAX LINE: 1-503-655-4116
SERVICE/INFO: 1-503-655-7484

The order line has an answering machine on it so you can leave an order 24 hours a day. To get customer service or information, use the correct line between the hours of NOON and 10 PM Pacific time. The FAX kine will accept your FAX 24 hours per day.

POT LUCK DINNER MEETING-

We will be discussing the proposed "pot luck dinner meeting" further at the upcoming May meeting of CCAT/S. We hope that, if you are interested, you will attend and take part in plans. Plans are currently set to have the dinner at the home of Jack Armstrong. More than that has not been decided. Be there to help!

That's about it! See you later!

Rod

MIKE's NOTEBOOK

By: Michael DiRienzo

Occasionally I have a need to print text in 64 column format. Most print methods in common use resort to either setting-up the 64 column mode (using machine code + OUT 255,6), using the Taswide utility, or using the OS-64 cartridge. The following bit of machine code will allow you to print any text string using a clean, fast 64 column character set. What distinguishes this program from similar ones is that instead of requiring 768 bytes to define the characters (96 characters X 8 bytes per character), this program uses half the usual number of bytes to define the character set. Each eight byte character holds the bit pattern for two characters; one on the left and one on the right side of each eight byte character. Whenever a 64 column character is to be printed, the machine code determines if the character is on the left or right side of the byte, parses it, and prints only bits 0 to 3 or bits 4 to 7.

Study the demo given in lines 1 to 30. There are several rules to follow when using this utility in your programs. The first line of your program must DIMension S$ to the maximum number of characters that you plan to print at any one time, plus 3. See line 1. When you are ready to print 64 column text, write a BASIC line that lets S$="Your text". The first quote should be preceeded by CHR$ column # + CHR$ line # +. After the last quote you should add: + CHR$ 255 to tell the program to end 64 column printing. See lines 10 and 20 for an example. RANDOMIZE USR 65250 does the printing. The line and column numbers tell where you want the printing to start. The values for "line" are 0 to 23, and "column" values can be from 0 to 31. Text will wrap around to the left if the text extends beyond the 64th column. Define S$ as many times as you wish in your programs but remember that the DIM S$(?) should be 3 + the largest number of characters you want to print at any one time. This program is not relocatable as written. Be sure to run line 9800 first to poke in the code. The checksum will let you know if you made any typing errors. The code is 557 bytes long. have fun!

Happy TIMEXING...

"PARSE64"

by Michael Di Rienzo

```
   1 DIM S$(67)
   5 FOR N=0 TO 23
  10 LET line=N: LET column=0
  20 LET S$=CHR$ column+CHR$ lin
e+"ABCDEFGHIJKLMNOPQRSTUVWXYZ-ab
cdefghijklmnopqrstuvwxyz-1234567
890"+CHR$ 255: RANDOMIZE USR 652
50
  30 NEXT N: PAUSE 0: STOP
9800 CLEAR 64862: LET t=0
9810 FOR n=64863 TO 65419
9820 READ a: POKE n,a: LET t=t+a
9830 NEXT n: IF t<>39831 THEN PR
INT "Data Error! Recheck DATA li
nes": STOP
9840 RUN
9850 DATA 0,0,0,0,2,2,2,2,0,2,0,
0,80,85,7,5,7,5,0,0,44,125,98,52
,123,35,0,0,98,162,64,176,160,20
8,0,0,34,65,65,65,65,34,0,0,0,82
,34,119,34,82,0,0,0          ≫ ≫ ≫
```

```
9860 DATA 0,0,7,0,32,64,0,1,1,2,
2,4,36,0,0,54,82,82,82,82,98,0,0
,39,81,18,33,65,118,0,0,71,84,86
,113,17,22,0,0,55,65,97,82,84,36
,0,0,50,85,37,83,81,102,0,0,0,0,
34,0,34,4,0,0,0,16,39,64,39,16,0
,0,2,69,33,18,32,66,0,0,98,213,2
13,183,133,117,0,0,99,84,100,84,
84,99,0,0,103,84,86,84,84
9870 DATA 103,0,0,115,68,100,69,
69,67,0,0,87,82,114,82,82,87,0,0
,21,21,22,21,21,101,0,0,69,71,71
,69,69,117,0,0,98,85,85,85,85,82
,0,0,98,85,85,101,71,67,0,0,99,8
4,82,97,81,86,0,0,117,37,37,37,3
7,35,0,0,85,85,85,87,87,37,0,0,8
5,85,37,34,82,82,0,0,118,20,36,3
6,68,118,0,0,67,65,33,33,17,19,0
,0,32
9880 DATA 112,32,32,32,32,15,0,4
8,70,97,39,69,119,0,0,64,99,84,8
4,84,99,0,0,16,50,85,87,84,51,0,
0,16,35,117,37,37,35,6,0,66,96,8
2,82,82,81,0,0,36,5,38,38,37,37,
64,0,32,37,39,39,37,21,0,0,0,98,
85,85,85,82,0,0,0,99,85,85,85,99
,65,0,0,51,68,66,65,70,0,0,32,11
7,37,37,37,19,0,0,0,85,85,87,87
9890 DATA 37,0,0,0,85,85,37,85,8
3,6,1,2,114,20,34,66,113,0,4,34,
34,33,34,34,36,0,6,89,175,13,15,
9,6,0,42,75,92,126,254,211,192,1
,6,0,9,237,91,95,253,213,58,97,2
53,245,203,255,50,97,253,94,35,8
6,35,122,230,7,15,15,15,131,95,1
22,230,248,246,64,87,229,225,126
,35,229,254,255,32,11,225,241,50
,97,253,209,237,83,95,253,201,20
5,38,255
9900 DATA 24,232,213,6,8,79,33,9
8,253,22,0,214,32,95,203,59,235,
41,41,41,25,209,213,203,65,32,5,
126,230,240,24,9,126,203,39,203,
39,203,39,203,39,245,58,97,253,2
03,71,32,6,26,230,15,18,24,14,24
1,203,63,203,63,203,63,203,63,24
5,26,230,240,18,241,235,182,119,
235,35,20,16,201,209,58,97,253,2
03,71,32,7,60,230,129,50,97,253,
201,28,237,83,95,253,230,128,50,
97,253,201
```

LLISTING WITH QL

We have become accustomed to taking what the computer gives us in listing formats. However, why not change the way it is printed on your large printer? This program provides for a program title, line spacing of 1 or 2, page length, number of lines to skip over at bottom of the page, left margin, right margin, normal or emphasized printing, and choice of United Kingdom or United States character set (English pound or dollar signs). David Nowotnik presented this program in the Sept. 1986 issue of ZX Computing Monthly.

I haven't tried it but it looks straight forward. For users who haven't bothered to print listings on the QL, try this in direct command: OPEN#4, ser1:LIST#4: CLOSE#4. This will give a continuous listing printing at a margin of zero, and with no line skips at the page bottom.

For the following program to work the listing must first be saved on mdv_1 or mdv_2 as the program prints from the drive. If the program is stored on disk, use flp_1 or flp_2. These devices are used ib line 330.

```
10 REMark  Printer Format Program
20 REMark
30 REMark    for the Epson RX80
40 REMark
50 REMark  By David Nowotnik-6/86
60 REMark
70 CLS #2: CLS: CLS #0
80 AT 2,8: PRINT "Printer formating
/listing"
90 AT 5,0: INPUT "Enter Form Length
as (11)  ";p
100 INPUT "Enter line spacing (1 or
2)"; s
110 INPUT "Enter no. of skip over
lines"; k
120 INPUT "Enter left margin (0-70)
";l
130 INPUT "Enter right margin (10-
80)";r
140 INPUT "Enter normal (0) or emph
asized (1)";a
150 INPUT "UK (1) or USA (2) chara
cter set ";y
```

```
160 a$=CHR$(27)
170 OPEN#5,ser1
180 PRINT#5,a$;"@";
185 REMark Initialize printer
190 PRINT#5,a$;"C";CHR$(O);CHR$(p);
195 REMark page length
200 PRINT#5,a$;"A";CHR$(s*12);
205 REMark line spacing
210 PRINT#5,a$;"N";CHR$(k);
215 REMark skip over lines
220 PRINT#5,a$;"1";CHR$(l);
225 REMark left margin
230 PRINT#5,a$;"Q";CHR$(r);
235 REMark right margin
240 PRINT$5,a$;CHR$(70-a);
245 REMark normal/emphasized
250 IF y=1 THEN
260     PRINT#5,a$;"R";CHR$(3);
265 REMark UK character set
270    ELSE : PRINT$5,a$;"R";CHR$(O);
280 END IF
290 PRINT: INPUT "TITLE ? ";b
300 IF NOT b$=""THEN
310     PRINT#5,b$: PRINT#5: PRINT#5
320 END IF
330 PRINT: INPUT "Copy from device
... ";b$
340 INPUT "File name....... ";c$
350 CLOSE #5
360 COPY b$&c$ TO ser1
```

Dick F. Wagner

SOME GOLDEN OLDIES

This program was provided by Jack
Armstrong and was printed in THE
PLOTTER, January, 1985 issue. It is
a nice example of controlled loops.
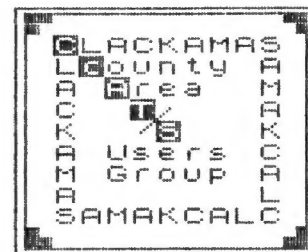
```
5 REM SCREEN FORMAT ROUTINE
        From Jack Armstrong
6 REM Note the positioning
        tied to loop numbers
10 LET x$="CLACKAMAS"
20 PRINT : PRINT : PRINT : PRI
NT :
25 REM This loop prints across
30 FOR k=1 TO LEN x$: PRINT AT
4,11+k;x$(k);: NEXT k
35 REM This loop prints down
40 FOR k=LEN x$ TO 1 STEP -1
50 PRINT AT k-13,20;x$(k)
60 NEXT k
65 REM This loop prints back t
o the left
70 FOR k=1 TO LEN x$
80 PRINT AT 12,21-k;x$(k)
90 NEXT k
95 REM This loop prints up
100 FOR k=LEN x$ TO 1 STEP -1
110 PRINT AT k+3,12;x$(k)
120 NEXT k
130 PRINT AT 4,12;"█";AT 5,13;"
█ounty";AT 6,14;"█rea";AT 7,15;"
█";AT 8,16;"█";AT 9,14;"Users";A
T 10,14;"Group"
```

```
150 PLOT 87,151: DRAW 88,0: DRA
W 0,-88: DRAW -88,0: DRAW 0,88
160 PLOT 84,153: DRAW 0,-92: DR
AW 94,0: DRAW 0,92: DRAW -94,0
170 PRINT AT 3,11;"█";AT 3,21;"
█";AT 13,21;"█";AT 13,11;"█"
180 PLOT 123,107: DRAW 9,9
```

```
█LACKAMAS █
L█ounty   A
A █rea     M
C  █/█     A
K   /█     K
A  Users   C
M  Group   A
A          L
SAMAKCALC
```

Our first issue of THE PLOTTER,
SEPTEMBER 1983, had 3 programs by
Rod Gowen. These were the first
programs he did after he got his
ZX81 in operation. He worked out
these programs to provide some math
training for his 2 daughters.

```
5 REM "MATH DRILL A"
6 REM SET COMPUTER FOR SLOW M
ODE
10 PRINT "ADDITION DRILL"
30 LET X=INT (RND*500)+1
40 LET Y=INT (RND*500)+1
50 PRINT AT 10,0;X;" PLUS ";Y;
;"=","  ANSWER?"
70 INPUT Z
80 PRINT AT 10,16;,Z;"       "
85 PAUSE 200
87 CLS
90 IF Z=X+Y THEN PRINT AT 5,0;
"HOORAY >>>>  GO ON"
110 IF Z=X+Y THEN GO TO 30
120 IF Z<>X+Y THEN PRINT AT 5,0
;"NO, NO, NINNY,",,,," TRY AGAIN
"
140 IF Z<>X+Y THEN GO TO 50
```

```
5 REM "MATH DRILL S"
6 REM SET COMPUTER FOR SLOW M
ODE
7 PRINT "MATH DRILL 4"
10 PRINT "SUBTRACTION DRILL"
30 LET X=INT (RND*500)+1
40 LET Y=INT (RND*500)+1
45 IF X<Y THEN GO TO 30
50 PRINT AT 10,0;X;" MINUS ";Y
;;"=","  ANSWER?"
70 INPUT Z
80 PRINT AT 10,16;,Z;"       "
82 PAUSE 200
85 CLS
90 IF Z=X-Y THEN PRINT AT 5,0;
"RIGHT ON,",,,,"GO ON TO NEXT"
110 IF Z=X-Y THEN GO TO 30
120 IF Z<>X-Y THEN PRINT AT 5,0
;"NOT SO FAST,",,,,"DO IT OVER"
140 IF Z<>X-Y THEN GO TO 50
```

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CHAIRMAN'S MUMBLINGS

I would like May to be Editor Appreciation Month. Lets start by remembering how we rely on our newsletter for up to date information. I take it for granted as I eagerly await its arrival each month. It usually doesn't contain anthing that I have contributed. Why?

I, like many of you, want to, and intend to, contribute regularly. So why don't we? There are a million reasons and we all know them. Well, what about the reasons to help out? Lets look at just one right now.

The Portland Area Timex Sinclair (PATS) Group had a dedicated and long suffering editor who managed to put together a newsletter; for the most part by himself. But he eventually burned himself out and quit. I don't know if the club was doomed by this loss, or by lack of member involvement, but I am afraid of the same thing happening to CCATS.

So as you read this newsletter, take a minute to appreciate it; and when you are done reading send Dick a thank you, or even better, a submission. We would all love to hear from you.

Ken

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CCAT/S
1419 1/2 7TH Street
Oregon City, OR 97045

ROD GOWEN (TREASURER)
1419 1/2 7TH STREET
OREGON CITY, OR 97045
A0003:12<90/ML

JACK ARMSTRONG
1624 S.E. INSLEY ST.
PORTLAND, OR 97202
235-6244

GAYLEN BENCH (V. CHAIRMAN)
1538 S.E. 122ND APT #36
PORTLAND, OR 97233
257-3664

ROBERT CURNUTT
10400 TRUXTON ROAD
ADELPHI, MD 20783

ALICE DUNLOP
66011 MEISSNER RD.
DEER ISLAND, OR 97054

BILL DUNLOP
8328 N. LOMBARD
PORTLAND, OR 97203
286-3478

BOB EVANS (PRO)
2615 S.E. COURTNEY NO. 19
MILWAUKIE, OR 97222
659-9207

ED FRY
7044 N. E. 8TH AVE.
PORTLAND, OR 97211
289-8515

R.E. GEROW
21137 S. SOUTH END ROAD
OREGON CITY, OR 97045
656-7236

ROD GOWEN (TREASURER)
1419 1/2 7TH STREET
OREGON CITY, OR 97045
655-7484

TERRY GRAHAM
1208 LINN AVE. APT#21
OREGON CITY, OR 97045

DUANE HEWITT
958 BROWNING AVE. S.
SALEM, OR 97302
364-8260

D.S. LEWIS
P. O. BOX 10754
PORTLAND, OR 97210
285-8963

KEN LUTES (CHAIRMAN)
17125 S.E. MARKET ST.
PORTLAND, OR 97233
760-2503

DONALD MALM
1009 S.E. OLYMPIA DR.
VANCOUVER, WA 98684
206/256-2929

TOM MOLL
11245 S.W. FAIRFIELD
BEAVERTON, OR 97005
644-3930

MERLIN RAYMOND
2296 S.E. WASHINGTON CT.
HILLSBORO, OR 97123
000-0000

BETTY SCHAFFLER (SECRETARY)
9559 S.E. 42ND STREET
MILWAUKIE, OR 97222
659-4867

DICK WAGNER (EDITOR)
655 N.W. TERRITORIAL RD.
CANBY, OR 97013
266-4702

SYD WYNCOOP
15951 ROSALITA DR.
LA MIRADA, CA 90638